Final

ENVIRONMENTAL CONDITION OF PROPERTY REPORT

Public Private Venture Family Housing Area
Naval Air Station Lemoore
Lemoore, California

August 24, 2007

Prepared for:

Naval Facilities Engineering Command, Southwest
San Diego, California

Prepared under:
Contract Number N62473-06-D-2206
Task Order Number 0006

Prepared by:

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TABLE 5: SURFACE SOIL SAMPLE REGISTER

Environmental Condition of Property Report, Public Private Venture Family Housing Area
Naval Air Station Lemoore, Lemoore, California

Soil Sample Location/ Quality Control Identification	Sample Identification	Sampling Depth (feet bgs)	VOCs (8260B)	TPH-p (8015B-Modified/ 5035	TPH-e (8015B-Modified)	Metals (6010B/ 7000)	PCBs (8082)	Pesticides/ Herbicides (8081A/ 8151A)	SVOCs (827oC)	Mercury (7000)	Nitrate (300.1)	Lead (6010B)
Kira Contractor Maintenance Yard on Weber Ave.												
AST	SS-1	0 - 0.5			X							X
AST	SS-2	0 - 0.5			X							X
Storage Container	SS-3	0 - 0.5	X	X	X	X			X			
Storage Container	SS-4	0 - 0.5	X	X	X	X			X			
Storage Container	SS-5	0 - 0.5	X	X	X	X			X			
Storage Container	SS-6	0 - 0.5	X	X	X	X			X			
Storage Container	SS-7	0 - 0.5	X	X	X	X			X			
Waste Storage Pad	SS-8	0 - 0.5			X	X			X	X		
Waste Storage Pad	SS-9	0 - 0.5			X	X			X	X		
Waste Storage Pad	SS-10	0 - 0.5			X	X			X	X		
Waste Storage Pad	SS-11	0 - 0.5			X	X			X	X		
Suspect Soil Location (Bldg 994)	SS-12	0 - 0.5				X		X			X	
Stained Soil	SS-13				X							X
AST	SS-14				X							X
AST	SS-15				X							X
AST	SS-16				X							X
AST	SS-17				X							X
Suspect Soil Location (Bldg 994)	SS-18	0 - 0.5				X		X			X	
Storage Container	SS-19	0 - 0.5	X	X	X	X			X			

TABLE 5: SURFACE SOIL SAMPLE REGISTER (CONTINUED)

Environmental Condition of Property Report, Public Private Venture Family Housing Area
Naval Air Station Lemoore, Lemoore, California

Soil Sample Location/ Quality Control Identification	Sample Identification	Sampling Depth (feet bgs)	VOCs (8260B)	TPH-p (8015B-Modified/ 5035	TPH-e (8015B-Modified)	Metals (6010B/ 7000)	PCBs (8082)	Pesticides/ Herbicides (8081A/ 8151A)	SVOCs (827oC)	Mercury (7000)	Nitrate (300.1)	Lead (6010B)
Miranda Landscaping Contractor Maintenance Yard on Weber Ave.												
Suspect Soil Location	SS-20	0 - 0.5			X	X	X	X	X			
Suspect Soil Location	SS-21	0 - 0.5			X	X	X	X	X			
Various Leaking Transformer Locations												
Suspect Leaking PCB Transformers	SS-22	0 - 0.5					X					
Suspect Leaking PCB Transformer	SS-23	0 - 0.5					X					
Suspect Leaking PCB Transformer	SS-24	0 - 0.5					X					

Notes:

AST	Aboveground storage tank
PCB	Polychlorinated biphenyl
SS	Surface soil
SVOC	Semi-volatile organic compound
TPH	Total petroleum hydrocarbons
TPH-e	TPH-Extractables
TPH-p	TPH-Purgeables
VOC	Volatile organic compound

TABLE 6: SUMMARY OF SURFACE SOIL SAMPLING ANALYTICAL DETECTIONS (CONTINUED)
Environmental Condition of Property Report, Public Private Venture Family Housing Area
Naval Air Station Lemoore, Lemoore, California

Analyte	Minimum Detected Concentration (mg/kg)	Max. Detected Concentration (mg/kg)	Location of Max Detected Concentration (Sample ID)	Residential PRG (mg/kg)
Metals				
Arsenic	4.17	**10.9**	SS-10	0.062
Barium	77.3	269	SS-4	5,400
Beryllium	0.155	0.380	SS-20	150
Cadmium	0.32J	1.30	SS-20	37
Chromium	15.2	107	SS-9	210
Cobalt	5.87	14.1	SS-21	900
Copper	20.6	862	SS-4	3,100
Lead	7.6	**827**	SS-4	150
Mercury	0.054J	0.21	SS-8	23
Molybdenum	0.42	3.68	SS-5	390
Nickel	14.7	167	SS-9	1,600
Silver	0.307	0.307	SS-11	390
Vanadium	23.8	43.9	SS-8	78
Zinc	91.2	420	SS-11	23,000

Notes:

1 Total chlordane (includes alpha chlordane and gamma chlordane)

Bold font indicates an exceedance of residential preliminary remediation goals (PRGs)

B Analyte was present in the associated method blank
J Estimated concentration
mg/kg Milligrams per kilogram
mg/L Milligrams per liter
NA Not Applicable
ND Not Detected
NE Not Established

areas; or repacking, transfer, or storage areas were not identified during the site inspections or on the reviewed aerial photographs. There was no evidence indicating that such chemicals were improperly stored in the Subject Lease Property. Based on the current residential use of the property (grading, paved surfacing, landscaping, and structural improvements), residual pesticides occurring at the subject property, if any, are not anticipated to represent a recognized environmental condition.

It should be noted that inspection staff did observe the storage of pesticides, herbicides, and fertilizers consistent with professional landscaping activities in the landscape contractor yard, located on Weber Avenue, and in contractor storage containers near the former Lexington Park housing unit. Inspection staff also observed signs of herbicide application (i.e., dead vegetation) throughout the existing family housing units. All of the materials observed in the contractor yards appeared to be properly stored and used in a manner consistent with manufacturer's suggested guidelines. If stored and used in accordance with the manufacturer's instructions, these items do not constitute a recognized environmental condition.

Additionally, in consideration of the age of the Reagan Park housing units within the Subject Lease Property, past application of chlordane is considered to be possible. However, review of reasonably available documentation and records did not indicate the use or non-use of chlordane. No sampling was performed as part of the ECP survey to confirm the presence or absence of chlordane within the Subject Lease Property. According to the EPA, chlordane was used as a pesticide in the U.S. from 1948 to 1988. In 1988, all approved uses of chlordane in the U.S. were canceled (EPA 2007). From 1983 to 1988, the only approved use of chlordane was to control termites in homes. The pesticide was applied underground around the foundation of homes. Before 1978, chlordane was also used as a pesticide on agricultural crops, lawns, and gardens and as a fumigating agent. In 1978, EPA canceled the use of chlordane on food crops and phased out other above-ground uses over the following 5 years. According to the EPA, chlordane can remain persistent in soils for over 20 years.

2.6.11 Medical/Biohazardous Waste

Naval Hospital Lemoore is located adjacent northwest of the Subject Lease Property. During the drive-by inspection, evidence of medical or biohazardous waste improperly stored or dumped on, or adjacent to the hospital site were not observed. Mr. Donald Roberts, NAS Lemoore Environmental, Mr. Mark Pohle, NAVFAC FEAD, and Ms. Sharron Clay, NAS Lemoore Housing Department Director, indicated that no medical/biological wastes have been or are currently used, stored, or disposed of within the Subject Lease Property. Based on the current and historical use of the Subject Lease Property, the presence of medical or biohazardous wastes is unlikely.

2.6.12 Ordnance

Military munitions and the chemical residues of munitions were not observed or reported during the performance of this assessment. Mr. Donald Roberts, NAS Lemoore Environmental, Mr. Mark Pohle, NAVFAC FEAD, and Ms. Sharron Clay, NAS Lemoore Housing Department

miles of the Subject Lease Property. Keywords for "Housing," "Lead," "Asbestos" and "PCBs" were also searched within the administrative record in relation to the Subject Lease Property. Search results found for the keywords searched within the administrative record are provided as Attachment 6.

2.7.4 Storage Tanks and Pipelines

Since the master jet air station and the Pacific Strike Fighter Wing and its supporting facilities are home-ported there, storage tanks and pipelines are used at the air station facilities. According to Mr. Donald Roberts, NAS Lemoore Environmental, there are currently no active or inactive or former aboveground or underground fuel storage facilities located adjacent to the Subject Lease Property.

An active automotive fuel station is located in the Administration area; however it is located over a mile west of the Subject Lease Property. This gas station is a leaking UST site, but due to its distance from the Subject Lease Property, it is not listed in the EDR Report. Mr. Roberts also indicated that fuel tanks for military operations are all located in the operations area, several miles northwest of the Subject Lease Property. None of these conveyances were observed on the properties adjacent to the Subject Lease Property.

2.7.5 Oil/Water Separators

According to Mr. Donald Roberts, NAS Lemoore Environmental, and Mr. Mark Pohle, NAVFAC FEAD, no oil/water separators are known to be located in the vicinity of the Subject Lease Property.

2.7.6 Pesticides, Herbicides, and Fungicides

As with the Subject Lease Property, Mr. Mark Pohle, NAVFAC FEAD, reported that adjacent properties were vacant or used for agricultural purposes that extended back to at least the mid 1950s. Although no evidence or documentation of the use of agricultural chemicals (e.g., pesticides, insecticides, or herbicides) in large quantities was discovered during this assessment, it is reasonable to assume that such chemicals were periodically applied to crops during agricultural activities. Apparent agricultural chemical processing areas were not identified, such as crop dusting airfields, bulk mixing areas; or repacking, transfer, or storage areas on adjacent properties. There was no evidence indicating that such chemicals were improperly stored on adjacent properties. Based on these observations, residual pesticides occurring on the adjacent property, if any, are not anticipated to represent a recognized environmental condition.

Based upon the age of installation facilities in the vicinity of the Subject Lease Property, past application of chlordane is considered to be possible. However, review of reasonably available documentation and records did not indicate the use or non-use of chlordane. Further information from the EPA regarding chlordane can be found in Section 2.6.10.

Calscience Environmental Laboratories, Inc.

Analytical Report

Sullivan International Group, Inc.		Date Received:	08/07/07
550 California Street, Suite 610		Work Order No:	07-08-0396
Sacramento Tower		Preparation:	EPA 3545
San Francisco, CA 94104-1013		Method:	EPA 8081A
		Units:	ug/kg
Project: NAS Lemoore Housing PPV ECP			Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
SS-12	**07-08-0396-3**	**08/06/07**	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Results are reported on a dry weight basis.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Alpha-BHC	ND	5.3	1.6	1		Endrin Aldehyde	ND	5.3	1.0	1	
Gamma-BHC	ND	5.3	1.2	1		Alpha Chlordane	31	5.3	1.4	1	
Beta-BHC	ND	5.3	1.3	1		Gamma Chlordane	12	5.3	1.4	1	
Heptachlor	ND	5.3	1.2	1		4,4'-DDD	ND	5.3	1.4	1	
Delta-BHC	ND	5.3	1.7	1		Endosulfan II	ND	5.3	0.93	1	
Aldrin	ND	5.3	1.6	1		4,4'-DDT	4.6	5.3	1.7	1	J
Heptachlor Epoxide	ND	5.3	0.97	1		Endosulfan Sulfate	ND	5.3	1.4	1	
Endosulfan I	ND	5.3	1.9	1		Methoxychlor	ND	5.3	0.88	1	
Dieldrin	2.0	5.3	1.2	1	J	Chlordane	150	53	21	1	
4,4'-DDE	15	5.3	1.6	1		Toxaphene	ND	110	45	1	
Endrin	ND	5.3	1.1	1		Endrin Ketone	ND	5.3	1.6	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	90	50-130		2,4,5,6-Tetrachloro-m-Xylene	79	50-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
SS-18	**07-08-0396-9**	**08/06/07**	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Results are reported on a dry weight basis.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Alpha-BHC	ND	5.1	1.5	1		Endrin Aldehyde	ND	5.1	1.0	1	
Gamma-BHC	ND	5.1	1.2	1		Alpha Chlordane	12	5.1	1.3	1	
Beta-BHC	ND	5.1	1.3	1		Gamma Chlordane	5.8	5.1	1.3	1	
Heptachlor	ND	5.1	1.1	1		4,4'-DDD	ND	5.1	1.3	1	
Delta-BHC	ND	5.1	1.6	1		Endosulfan II	ND	5.1	0.89	1	
Aldrin	ND	5.1	1.6	1		4,4'-DDT	ND	5.1	1.7	1	
Heptachlor Epoxide	ND	5.1	0.94	1		Endosulfan Sulfate	ND	5.1	1.3	1	
Endosulfan I	ND	5.1	1.8	1		Methoxychlor	ND	5.1	0.85	1	
Dieldrin	ND	5.1	1.2	1		Chlordane	71	51	20	1	
4,4'-DDE	3.8	5.1	1.5	1	J	Toxaphene	ND	100	43	1	
Endrin	ND	5.1	1.0	1		Endrin Ketone	ND	5.1	1.5	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	72	50-130		2,4,5,6-Tetrachloro-m-Xylene	82	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Sullivan International Group, Inc.		Date Received:	08/07/07
550 California Street, Suite 610		Work Order No:	07-08-0396
Sacramento Tower		Preparation:	EPA 3545
San Francisco, CA 94104-1013		Method:	EPA 8081A
		Units:	ug/kg
Project: NAS Lemoore Housing PPV ECP			Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
SS-20	**07-08-0396-10**	**08/06/07**	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Results are reported on a dry weight basis.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Alpha-BHC	ND	5.1	1.5	1		Endrin Aldehyde	ND	5.1	0.99	1	
Gamma-BHC	ND	5.1	1.2	1		Alpha Chlordane	3.3	5.1	1.3	1	J
Beta-BHC	ND	5.1	1.3	1		Gamma Chlordane	3.3	5.1	1.3	1	J
Heptachlor	ND	5.1	1.1	1		4,4'-DDD	ND	5.1	1.3	1	
Delta-BHC	ND	5.1	1.6	1		Endosulfan II	ND	5.1	0.89	1	
Aldrin	ND	5.1	1.6	1		4,4'-DDT	ND	5.1	1.7	1	
Heptachlor Epoxide	ND	5.1	0.93	1		Endosulfan Sulfate	ND	5.1	1.3	1	
Endosulfan I	ND	5.1	1.8	1		Methoxychlor	ND	5.1	0.85	1	
Dieldrin	ND	5.1	1.2	1		Chlordane	48	51	20	1	J
4,4'-DDE	3.6	5.1	1.5	1	J	Toxaphene	ND	100	43	1	
Endrin	ND	5.1	1.0	1		Endrin Ketone	ND	5.1	1.5	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	72	50-130		2,4,5,6-Tetrachloro-m-Xylene	72	50-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
SS-21	**07-08-0396-11**	**08/06/07**	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Results are reported on a dry weight basis.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Alpha-BHC	ND	5.1	1.5	1		Endrin Aldehyde	ND	5.1	1.0	1	
Gamma-BHC	ND	5.1	1.2	1		Alpha Chlordane	22	5.1	1.3	1	
Beta-BHC	ND	5.1	1.3	1		Gamma Chlordane	4.7	5.1	1.3	1	J
Heptachlor	ND	5.1	1.1	1		4,4'-DDD	ND	5.1	1.3	1	
Delta-BHC	ND	5.1	1.6	1		Endosulfan II	ND	5.1	0.90	1	
Aldrin	ND	5.1	1.6	1		4,4'-DDT	ND	5.1	1.7	1	
Heptachlor Epoxide	ND	5.1	0.94	1		Endosulfan Sulfate	ND	5.1	1.3	1	
Endosulfan I	ND	5.1	1.8	1		Methoxychlor	ND	5.1	0.86	1	
Dieldrin	2.4	5.1	1.2	1	J	Chlordane	87	51	21	1	
4,4'-DDE	5.4	5.1	1.5	1		Toxaphene	ND	100	43	1	
Endrin	ND	5.1	1.0	1		Endrin Ketone	ND	5.1	1.5	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	67	50-130		2,4,5,6-Tetrachloro-m-Xylene	75	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Sullivan International Group, Inc.	Date Received:	08/07/07
550 California Street, Suite 610	Work Order No:	07-08-0396
Sacramento Tower	Preparation:	EPA 3545
San Francisco, CA 94104-1013	Method:	EPA 8081A
	Units:	ug/kg
Project: NAS Lemoore Housing PPV ECP		Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
SS-19	**07-08-0396-24**	**08/06/07**	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Results are reported on a dry weight basis.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Alpha-BHC	ND	5.0	1.5	1		Endrin Aldehyde	ND	5.0	0.99	1	
Gamma-BHC	ND	5.0	1.2	1		Alpha Chlordane	ND	5.0	1.3	1	
Beta-BHC	ND	5.0	1.3	1		Gamma Chlordane	ND	5.0	1.3	1	
Heptachlor	ND	5.0	1.1	1		4,4'-DDD	ND	5.0	1.3	1	
Delta-BHC	ND	5.0	1.6	1		Endosulfan II	ND	5.0	0.88	1	
Aldrin	ND	5.0	1.6	1		4,4'-DDT	ND	5.0	1.7	1	
Heptachlor Epoxide	ND	5.0	0.93	1		Endosulfan Sulfate	ND	5.0	1.3	1	
Endosulfan I	ND	5.0	1.8	1		Methoxychlor	ND	5.0	0.84	1	
Dieldrin	ND	5.0	1.1	1		Chlordane	ND	50	20	1	
4,4'-DDE	2.1	5.0	1.5	1	J	Toxaphene	ND	100	43	1	
Endrin	ND	5.0	1.0	1		Endrin Ketone	ND	5.0	1.5	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	73	50-130		2,4,5,6-Tetrachloro-m-Xylene	69	50-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-02-001-106**	**N/A**	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Alpha-BHC	ND	5.0	1.5	1		Endrin Aldehyde	ND	5.0	0.98	1	
Gamma-BHC	ND	5.0	1.1	1		4,4'-DDD	ND	5.0	1.3	1	
Beta-BHC	ND	5.0	1.3	1		Alpha Chlordane	ND	5.0	1.3	1	
Heptachlor	ND	5.0	1.1	1		Gamma Chlordane	ND	5.0	1.3	1	
Delta-BHC	ND	5.0	1.6	1		Endosulfan II	ND	5.0	0.88	1	
Aldrin	ND	5.0	1.5	1		4,4'-DDT	ND	5.0	1.6	1	
Heptachlor Epoxide	ND	5.0	0.92	1		Endosulfan Sulfate	ND	5.0	1.3	1	
Endosulfan I	ND	5.0	1.8	1		Methoxychlor	ND	5.0	0.84	1	
Dieldrin	ND	5.0	1.1	1		Chlordane	ND	50	20	1	
4,4'-DDE	ND	5.0	1.5	1		Toxaphene	ND	100	42	1	
Endrin	ND	5.0	1.0	1		Endrin Ketone	ND	5.0	1.5	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	112	50-130		2,4,5,6-Tetrachloro-m-Xylene	85	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Sullivan International Group, Inc.
550 California Street, Suite 610
Sacramento Tower
San Francisco, CA 94104-1013

Date Received: 08/07/07
Work Order No: 07-08-0396
Preparation: EPA 3545
Method: EPA 8081A

Project NAS Lemoore Housing PPV ECP

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SS-19	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Alpha-BHC	49	70	50-135	35	0-25	3,4
Gamma-BHC	38	39	50-135	2	0-25	3
Beta-BHC	29	28	50-135	3	0-25	3
Heptachlor	46	46	50-135	2	0-25	3
Delta-BHC	24	24	50-135	4	0-25	3
Aldrin	46	48	50-135	3	0-25	3
Heptachlor Epoxide	38	38	50-135	2	0-25	3
Endosulfan I	36	37	50-135	2	0-25	3
Dieldrin	35	35	50-135	1	0-25	3
4,4'-DDE	50	51	50-135	3	0-25	
Endrin	44	47	50-135	7	0-25	3
Endrin Aldehyde	2	8	50-135	106	0-25	3,4
Alpha Chlordane	43	46	65-120	6	0-20	3
Gamma Chlordane	39	42	65-125	9	0-20	3
4,4'-DDD	39	43	50-135	10	0-25	3
Endosulfan II	17	19	50-135	8	0-25	3
4,4'-DDT	35	30	50-135	17	0-25	3
Endosulfan Sulfate	20	20	50-135	1	0-25	3
Methoxychlor	26	25	50-135	5	0-25	3
Endrin Ketone	29	28	50-135	2	0-25	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Sullivan International Group, Inc.
550 California Street, Suite 610
Sacramento Tower
San Francisco, CA 94104-1013

Date Received: N/A
Work Order No: 07-08-0396
Preparation: EPA 3545
Method: EPA 8081A

Project: NAS Lemoore Housing PPV ECP

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-02-001-106	**Solid**	**GC 31**	**08/07/07**	**08/09/07**	**070807L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Alpha-BHC	81	89	50-135	10	0-25	
Gamma-BHC	81	82	50-135	2	0-25	
Beta-BHC	74	68	50-135	8	0-25	
Heptachlor	94	81	50-135	14	0-25	
Delta-BHC	85	81	50-135	4	0-25	
Aldrin	81	83	50-135	2	0-25	
Heptachlor Epoxide	81	82	50-135	1	0-25	
Endosulfan I	80	84	50-135	4	0-25	
Dieldrin	83	83	50-135	0	0-25	
4,4'-DDE	84	82	50-135	3	0-25	
Endrin	72	69	50-135	4	0-25	
Endrin Aldehyde	100	105	50-135	5	0-25	
4,4'-DDD	86	86	50-135	0	0-25	
Alpha Chlordane	82	83	65-120	1	0-20	
Gamma Chlordane	79	81	65-125	2	0-20	
Endosulfan II	84	84	50-135	0	0-25	
4,4'-DDT	88	86	50-135	3	0-25	
Endosulfan Sulfate	88	88	50-135	0	0-25	
Methoxychlor	84	84	50-135	0	0-25	
Endrin Ketone	93	93	50-135	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit